| CERTIFICATE OF TR   | ANSMISSION BY FAC   | SIMILE (37 CFR 1.8)   | Docket No.   |
|---|---|---|--|
| Applicant(s): Knop et al.                                   |   | (5, 0, 1, 2, 0)   | POU920020018US1  |
| Application No.<br>10/077,051                               | Filing Date 02/15/02                                      | Examiner  B. Gillis   | Group Art Unit<br>2141   |
| Invention: Method for Cont<br>Multinode Data Processing Sys | rolling Group Membership û<br>stem to Assurc Mutually Syn | n a Distributed  ometric Liveness Status Indicatio          | ns RECEIVED<br>CENTRAL FAX CENTER  |
|   |   |   | AUG 0 2 2005   |
| I hereby certify that this                                  |   | Amendment and Transmittal (Identify type of correspondence) | to and to the control and the second |
| on 08/02/2005   | to the United States Patent                               | and Trademark Office (Fax. No.                              | 571 273-8300   |
| (Date)  |   |   |  |
|   | <del></del>   | SUSAN L. PHE Syped or Printed Name of Person S  (Signalure) | LPS<br>Signing Certificate)  |
|   | Note: Each paper must have                                | e its own certificate of mailing.                           |  |
|   | 12 Pa   | rzer  |  |
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| 4.7 (77)   |   |   |  |                                       |            |   |  |
|--|---|---|--|---------------------------------------|------------|---|--|
| AMENI<br>Applicant(s): K   | DMENT TRANSMI   | ITTAL LETTER (L   | arge E                                   | ntity)                                |            | 11  | Docket No.<br>0920020018US1  |
| Application No.<br>10/077,051  | Filing Date<br>02/15/2002   | Examiner<br>B. Gillis   |  | Customer N<br>33558                   | ا.ه        | Group Art Ur<br>2141                                    |  |
| Invention: Met   | hod for Controlling Gr  |   |  |                                       | $\perp$    |   | 1593   |
| mverilion,   |   | oup Membership in a Di  | stributed                                | i Multipode D                         | ) atz      | Processing S  | System to  |
|  |   | COMMISSIONER FO   | R PATE                                   | ENTS:                                 |            |   |  |
| Transmitted herev  | vith is an amendment i  | n the above-identified a  | pplication                               | on.                                   |            |   |  |
| The fee has been   | calculated and is trans   | mitted as shown below   |  |                                       |            |   |  |
|  |   | CLAIMS AS AM  | ENDED                                    |                                       |            |   |  |
|  | CLAIMS REMAINING  | HIGHEST #   | NUMBE                                    | R EXTRA                               | -          |   | ADDITIONAL   |
| TOTAL OLANGE   | AFTER AMENDMENT   | PREV. PAID FOR  | CLAIMS                                   | PRESENT                               |            | RATE  | FEE  |
| TOTAL CLAIMS   | 10 -  | 20 =  |  | 0 >                                   | (          | \$50.00   | \$0.00   |
| INDEP. CLAIMS  | 3 -   | 3 =   |  | 0 x                                   | ۲          | \$200.00  | \$0.00   |
| wdilipie Dependen  | Multiple Dependent Claims (check if applicable)   |   |  |                                       |            |   | \$0.00   |
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| LAWRENCE D. C  | Signature UTTER, Senior Attorn  |   | Dated:                                   | Aug. 2,                               | , 2        | 2005  |  |
| Reg. No. 28,50 1<br>IBM Corporation<br>IP Law Dept<br>2455 South Rd<br>Poughkeepsie,<br>(845) 433-1172 | on<br>M/S P386<br>NY 12601  |   | the Unite                                | ed States Posta<br>ill in an envelope | al S<br>ad | ervice with suf-<br>dressed to "Cor                     | is being deposited with<br>ficient postage as first<br>mmissioner for Patents,<br>[37 CFR 1.8(a)] on |
| cc:  |   |   | Тур                                      | XS                                    | ove.       | on Muiling Corr<br>WXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX | II.  |

| Applicant(s): K  | DMENT TRANSMI  | TAL LETTER (   | Large Entity)   |                           | i <b>3</b> i   | ocket No.<br>20020018US1  |
|--|--|--|---|---------------------------|--|---|
| Application No. 10/077,051   | 02/15/2002   | Examiner<br>B. Gillis  | Custome<br>3355   | 8                         | Group Art Unit<br>2141   | 1593  |
| Invention: Met   | hod for Controlling Gro  | up Membership in a I   | Distributed Multinoo  | ie Dat                    | a Processing Sy  | stem to   |
|  |  | COMMISSIONER F   |   |                           | <del></del>  |   |
|  | vith is an amendment in<br>calculated and is trans   |  |   | _                         |  |   |
|  |  | CLAIMS AS A  | MENDED  |                           | ,  |   |
|  | CLAIMS REMAINING   | HIGHEST #  | NUMBER EXTRA  | Τ                         |  | ADDITIONAL  |
|  | AFTER AMENDMENT  | PREV. PAID FOR   | CLAIMS PRESENT  | $\perp$                   | RATE   | FEE   |
| TOTAL CLAIMS   | 10 -   | 20 =   | 0   | x                         | \$50.00  | \$0.00  |
| NDEP. CLAIMS   | 3 -  | 3 =  | 0   | х                         | \$200.00   | \$0.00  |
| Multiple Dependen  | t Claims (check if appli   | cable)   |   |                           |  | \$0.00  |
|  | ·  | TOTAL ADDITIONAL   | FEE FOR THIS AN   | /END                      | MENT   | \$0.00  |
| communica  Solution Any a  Representation Payment by   | or is hereby authorized ation or credit any over ditional filing fees requatent application processy credit card. Form PTC   | payment to Deposit A<br>uired under 37 C.F.R.<br>ssing fees under 37 C | ccount 09-0463<br>1.16.   | assoc                     | ialed with this  |   |
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|  | Information on this form. Provide control of the Co | orm may become puredit card information                                | Dated: Aug.   | on on                     | PTO-2038.  | not be  |
| Zaw  | Signature UTTER, Senior Attorne  M/S P386 NY 12601   | orm may become puredit card information                                | on and authorizati  | this (                    | PTO-2038.  Dorrespondence is Service with sufficience of Communications of Communica | being deposited weight postage as finissioner for Pater                 |
| LAWRENCE D. C<br>Reg. No. 28,50 I<br>IBM Corporation<br>IP Law Dept<br>2455 South Rd.<br>Poughkeepsie, | Signature UTTER, Senior Attorne  M/S P386 NY 12601   | orm may become puredit card information                                | Dated: A S.  I hereby certify that the United States F class mail in an enve P.O. Box 1450, Alexa | this costal slope audria, | PTO-2038.  Dorrespondence is Service with sufficience of Communications of Communica | being deposited wient postage as finissioner for Pater 7 CFR 1.8(a)) on |

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IBM Docket No. POU920020018US1

PATENT 10/077,051

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Mail Stop: Amendment, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450

on <u>August 2, 2005</u>

Susan Phelps

In the United States Patent and Trademark Office

Signature

Date: August 2, 2005

In re Application of: Knop et al.

Filed: 02/15/02

Method for Controlling Group Membership in a Distributed

Multinode Data Processing System to Assure Mutually Symmetric

**Liveness Status Indications** 

Serial Number: 10/077,051

Conf. No.:

1593

Art Unit: 2141

Examiner:

B. Gillis

## **Amendment**

Mail Stop: Amendment

Hon. Commissioner for Patents

P.O. Box 1450, Alexandria, VA 22313-1450

Sir:

In response to the Office Action dated May 2, 2005, applicants submit this response traversing the rejection of applicants' claims 1-10 as discussed in the Remarks section following the Listing of Claims. Please amend the above-referenced application as follows:

## 

Amendments to specification: None.

Amendment to claims: See page 3.

Amendments to the drawings: None.

Applicants' remarks are found on page 6 of the present submission providing specific reasons for the traversal of the rejections.